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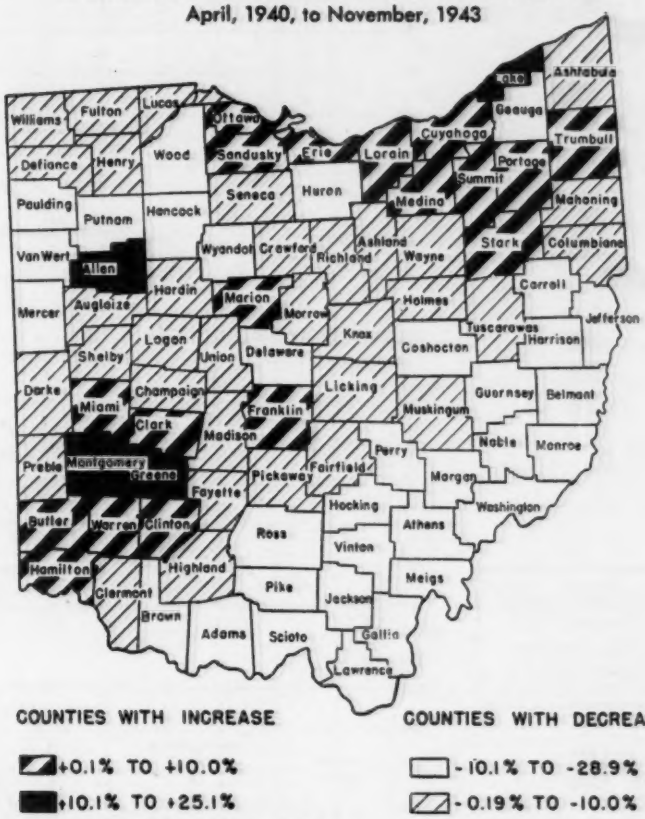
CHANGE IN CIVILIAN POPULATION OF OHIO COUNTIES
April, 1940, to November, 1943



COUNTIES WITH INCREASE

+0.1% TO +10.0%

+10.1% TO +25.1%

COUNTIES WITH DECREASE

-10.1% TO -28.9%

-0.19% TO -10.0%

Source: Accompanying table on page 8.

OHIO POPULATION SHIFTS SINCE APRIL, 1940

Under the impetus of the war, significant shifts have occurred in the civilian population of Ohio. Based on population estimates recently released by the U. S. Bureau of the Census, the civilian population in Ohio as of November, 1943, had undergone a slight decrease, 1 per cent, since April, 1940. In 22 Ohio counties, however, the civilian population increased while in the remaining 66 counties population decreased over the same period.[1]

The accompanying table and map show the change in the civilian population in the 88 Ohio counties as of November, 1943, from April, 1940. Of the 22 counties which had population increases, Greene County had the largest relative increase, 25.1 per cent, and Montgomery County had the largest absolute increase, 44 thousand persons. Marion County had the smallest relative increase, 0.3 per cent, as well as the smallest absolute increase, 142 persons.

Population decreases in the remaining 66 Ohio counties, most of which are rural areas, ranged from a low of 1.4 per cent in Richland County to a high of 28.0 per cent in Noble County.

A comparison of the November, 1943, county population estimates with those prepared by the Bureau of the Census for March, 1943,[2] shows that in most of the counties the population changes over this period were minor. However, in a few counties the estimated changes in this 6 months period were of relatively large proportions. While the increased mobility of labor in wartime has led to more rapid population shifts, the magnitude of the changes in these few counties raises a question as to the adequacy of the estimates for these counties.

[1]These estimates are based on the registrations for War Ration Book Four, adjusted to add to an independent estimate of the population as a whole. This independent estimate is based on the 1940 census and on births, deaths, and net immigration between April 1, 1940, and November 1, 1943. An estimate of the population in institutions was added to the adjusted registration figure for each county, and the result was the estimated civilian population.

[2]cf. "Changes in Civilian Population of Ohio Counties, April, 1940, to March, 1943," *Bulletin of Business Research*, October, 1943.

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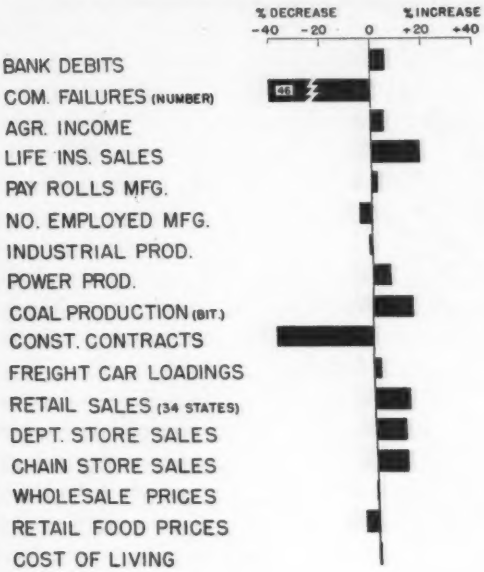
Business in the United States

May 1944 Compared with May 1943



Index of Ohio Urban Living Costs recalculated with the use of the November, 1943, population as weights. Revised index January, 1939, to date may be obtained upon request.

WAR FINANCE, UNITED STATES CUMULATIVE FROM JUNE, 1940

(Million Dollars)

War Finance Item	*May 31, 1944*	*Apr. 30, 1944*	*May 31, 1943*	*May 31, 1942*
Authorized War Program[a]	341,539	341,706	246,024	168,764
Commitments[b]	[c]	284,519	212,323	121,225
Cash Expenditures	191,926	184,008	102,318	30,707
Gross Debt	186,366	194,967	135,913	68,617
War Savings Bonds (Series E, F, and G) Total for the one month	751	739	1,335	634

[a] The program includes funds made available for war purposes by congressional cash appropriations, congressional contracts and tonnage authorizations and commitments by the Reconstruction Finance Corporation and its subsidiaries.

[b] Commitments include all transactions which legally reserve funds for expenditure and other transactions on which action has been taken toward procurement.

[c] Data not available.

Source: *Survey of Current Business*, U. S. Department of Commerce, Washington, D. C., June, 1943, p. S-18; July, 1944, p. S-18.

BULLETIN OF BUSINESS RESEARCH

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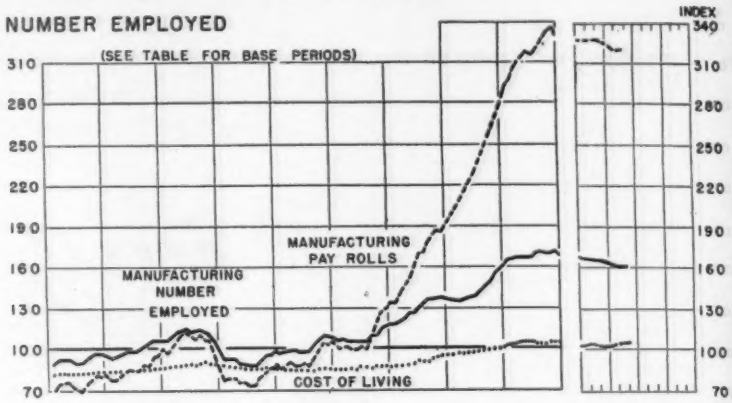
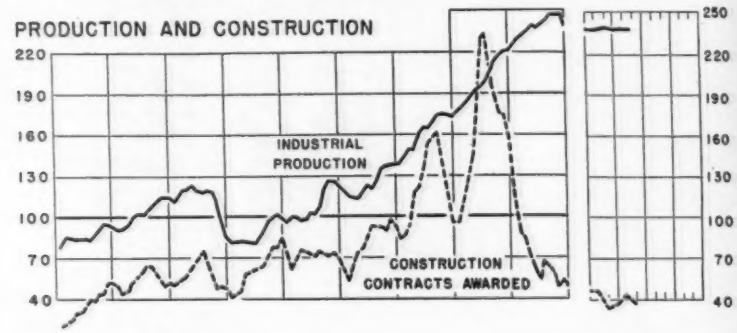
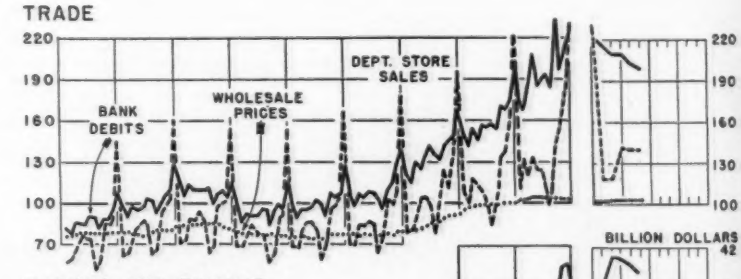
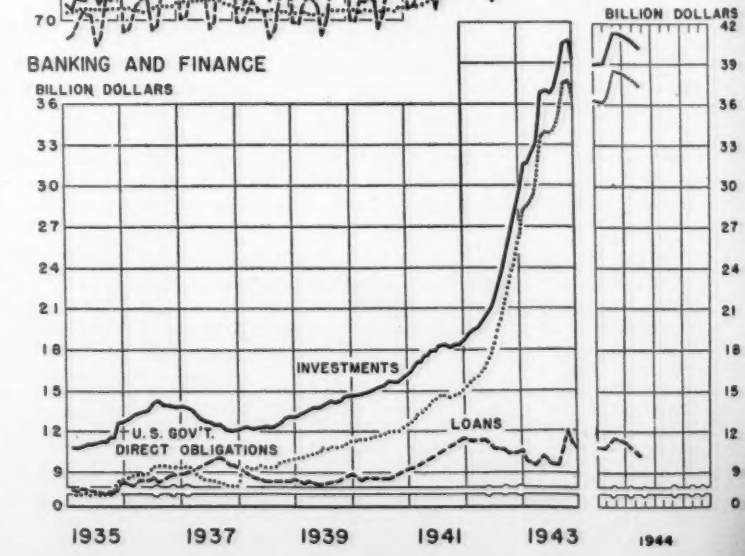








U. S. Reference Data

ITEM — Unit or Index Base Period	May 1944	April 1944	Change from Last Month: May 1944 from April 1944	Change from Last Year: May 1944 from May 1943	Change from Last Year: 5 months 1944 from 1943
General Business					
Totals, or Average Indexes for 4 Weeks Ended on Indicated Dates			%	%	%
Bus. Activity[10] 6/24/44...*N. Y. Times*	144	144	— (a)	+ 4	+ 5
Fght. Car Loadings[11] 6/24/44. *Thous.*	3,446	3,446	— (a)	+ 9	+ 5
Com. Failures[12] 6/24/44.....*Number*	99	135	— 27	— 60	— 66
Calendar Months					
•Bank Dbts. (Excl. N.Y.C.)[15,f] *1935-39*	199	201	— (a)	+ 6	+ 12
Total Inc. Payments[35,d] ... "	231	229	+ (a)	+ 10	+ 12
Salaries and Wages Income[35,d] "	254	253	+ (a)	+ 9	+ 12
Nonagricultural Income[35,d] "	225	225	+ (a)	+ 11	+ 13
Agr. Inc. (Cash from Mktgs)[16] "	221	211	+ 5	+ 5	+ 12
Life Ins. Sales[21] ..... "	123	116	+ 6	+ 19	+ 21
Steel Ingot Oper. Rate[18]..*%Capacity*	97	99	— 2	— 2	— 1
Securities Issued[37]—New..*Mil. Dol.*	53	80	— 34	+ 20	+ 63
Securities Issued—Refunding " "	365	155	+135	+220	+ 72
Employment and Pay Rolls[18]					
•No. Employed—Mfg.....*1939*	159	161	— 1	— 5	— 2
No. Empl'd—Trade—Retail..... "	97	98	— (a)	— 2	— 2
No. Empl'd—Trade—Whl'sale... "	94	95	— (a)	— (a)	— 2
•Pay Rolls—Manufact..... "	318	318	+ (a)	+ 2	+ 7
Production					
•Industrial Prod.[18].....*1935-39*	237	237	0	— (a)	+ 3
Munitions Production[33].....*1943*	114	113	+ (a)	+ 20	+ 30
Elec. Power Prod.[39]..*Mil. of K.W.H.*	19,064	18,618	+ 2	+ 7	+ 11
Bitum. Coal Prod.[31]....*Thous. Tons*	55,220	49,600	+ 11	+ 16	+ 6
Steel Prod.[18] *Av. Weekly Tons Thous.*	1,734	1,764	— 2	+ 2	+ 2
Pig Iron Prod.[14].....*Thous. Tons*	5,343	5,243	+ 2	+ 3	+ 4
Shipmts—U.S. Stl. Cp.[34] *Thous. Tons*	1,777	1,757	+ 1	+ 4	+ 5
Mach. Tool Shipments[53]....*Mil. Dol.*	42	41	+ 1	— 63	— 59
Construction (Value of Contracts Awarded—37 Eastern States)					
•Total (Index)[18] 3 Mo. Mov. Av. *1923-25*	37	41	— 10	— 40	— 52
Total[18] .....*Thous. of Dol.*	144,202	179,286	— 20	— 38	— 51
Residential[18] ..... " "	34,476	37,772	— 9	— 46	— 59
Nonresidential[18]..... " "	53,897	69,491	— 22	— 28	— 50
Public Works & Util.[18]. " "	55,829	72,023	— 22	— 42	— 46
Distribution					
Retail Sales (84 states)[18].....	—	—	+ 6	+ 14	+ 7
•Dept. Store Sales[18]..... *1923-25*	140	140	0	+ 12	+ 6
Chain St. Sales[24] *Av. Same Mo. 1929-31*	191	186	+ 3	+ 12	+ 5
Prices					
•Wholesale Commod. Prices[18].... *1926*	104	104	+ (a)	— (a)	+ (a)
•Cost of Living[20].....*1935*	104	104	+ (a)	+ (a)	+ (a)
Retail Food Prices[18] *1935-39*	136	135	+ (a)	— 5	— 2
Dept. Store Prices[20] .....*Jan. 1951*	113	113	0	+ (a)	+ (a)

Banking and Finance

ITEM — Unit or Index Base Period	June 28 1944	June 30 1943	July 1 1942	Change from Last Month Amt.	Change from Last Year Per Ct.
Federal Reserve Banks[18]				$	%
U. S. Govt. Securities.....*Mil. Dol.*	15,081	7,202	2,728	+ 830	+109
Member Bank Borrowing.. " "	52	5	3	— 185	+940
Member Banks—101 Cities[18]					
•Total Loans ..... " "	12,164	9,485	10,740	+2083	+ 28
Business & Agr. Loans & Open Market Paper .... " "	6,027	5,542	6,810	+ 181	+ 9
Brok. & Other Secur. Lns... " "	3,648	1,438	912	+1867	+154
Real Estate Loans ..... " "	1,073	1,158	1,236	0	— 7
Other Loans..... " "	1,363	1,319	1,746	+ 37	+ 3
•Total Investments ..... " "	42,872	36,358	21,642	+2965	+ 18
• U. S. Govt. Obligations..... " "	39,917	33,295	18,232	+2888	+ 20
Demand Deposits ..... " "	33,008	32,289	25,502	—3200	+ 2
Time Deposits ..... " "	6,762	5,649	5,095	+ 57	+ 20
Money and Interest Rates[18]					
Money in Circulation ..... " "	22,421	17,421	12,416	+ 309	+ 29
Monetary Gold Stock ..... " "	21,193	22,388	22,739	— 71	— 5
Call Money Rate .....%	1.00	1.00	1.00	0	0
Security Markets[27]					
Stock Prices—354 Ind.,*Index, 1935-39*	106	101	68	+4.9	+ 5
" " —20 Rails " "	103	95	60	+2.1	+ 9
" " —28 Util. " "	91	86	57	+1.7	+ 6
Bond Yld—Corp. Al+(highest gr.) %	2.788	2.783	2.849	+0.025	+ (a)

•Indicates Series Charted (page 2). For Sources and Footnotes, see page 3a.

Reference Data—Ohio →

ITEM	Unit or Index Base Period	May 1944	April 1944	Change from Last Month: May 1944 from April 1944	Change from Last Year: May 1944 from May 1943	Change from Last Year: 5 months 1944 from 1943
General Business				%	%	%
•Bank Debits[15, f] (16 cities)	1935-39	205	214	— 4	+ 6	+ 11
Commercial Failures[13]	Number	3	3	0	— 7†	— 40†
" Liabilities[13]	Thous. Dol.	29	306	— 91	— 78	— 42
Life Ins. Sales[21]	1935-39	115	108	+ 7	+ 19	+ 16
Agr. Income—total[20]	1924-28	192	182	+ 5	— (1)	+ 7
Meat Animals "	"	268	246	+ 9	+ 12	+ 18
Dairy Products "	"	181	179	+ 1	— 2	+ 7
Grains "	"	106	98	+ 8	— 9	— 6
Poultry and Eggs "	"	148	154	— 4	— 16	— 6
•Electric Power Produc.[25, f]	1935-39	203	203	+ (1)	+ 13	+ 14
Bit. Coal Production[21]	Thous. tons	2,738	2,828	— 3	+ 54	+ 7
Employment and Pay Rolls[7]						
Number Employed:						
• Total (8609)[a]	1935-39	147	149	— 1	— 4	— 1
• Manufacturing (2508) "	"	161	163	— 1	— 5	— 2
• Nonmanufacturing (5081)	"	100	101	— (1)	— 1	— 1
Construction (823)	"	96	95	+ (1)	+ 3	+ 4
Pay Rolls—Mfg. (2508)	"	331	331	— (1)	+ 1	+ 7
Man-Hours—Mfg. (2478)	"	218	216	+ (1)	— 1	+ 2
Construction (Value of Contracts Awarded)[22]						
•Total (Index)	1935-39	68	69	— (1)	— 48	— 45
Residential	"	63	49	+ 28	— 51	— 57
Nonresidential	"	56	57	— 2	— 60	— 40
Public Works & Utilities	"	89	107	— 17	— 31	— 37
Distribution						
Retail Sales—Independent Stores[6] (956)[a]	See p 3	—	—	+ 11	+ 11	+ 6
•Dept. Store Sales[6] (38)[a]	1935-39	194	176	+ 10	+ 17	+ 3
Dyers' & Cleaners' Sales[4] (24)[a]	1939	261	214	+ 22	+ 18	+ 16
Living Costs (6 cit.)[23]	Jan. 1939	124	124	— (1)	— (1)	+ (1)
Passgr. Car Reg.[2] (47 cos.)	Number	367	336	+ 9	— 71	—
Truck Reg.[2] (47 cos.)	"	256	212	+ 21	+ 70	—
Used Car Reg.[2] (47 cos.)	"	21,841	21,316	+ 2	— 11	—

Banking (4th Federal Reserve District)[15]

ITEM	Unit	June 28 1944	June 30 1943	July 1 1942	Change from Last Month Amt.	Change from Last Year PerCt.
Cleveland Federal Reserve Bank					$	%
U. S. Gov. Securities	Thous. Dol.	1,293,008	446,789	249,952	+68,958	+189
Member Bank Borrowings "	"	300	55	158	—2,330	+445
Member Banks—4th District						
•Total Loans	Mil. "	1,029	715	850	+ 249	+ 44
Bus. & Agr. Loans and Open Mkt. Paper "	"	397	366	448	+ 14	+ 3
Brok. & "Other Secur." Lns. "	"	320	31	29	+ 220	+982
Real Estate Loans "	"	164	169	182	— 1	— 3
Other Loans "	"	136	145	191	+ 4	— 6
•Total Investments "	"	3,511	2,924	1,748	+ 159	+ 29
• U. S. Gov. Obligations "	"	3,273	2,665	1,471	+ 162	+ 23
Demand Deposits "	"	2,714	2,662	2,040	— 265	+ 1
Time Deposits "	"	940	807	696	+ 5	+ 16

•Indicates Series Charted (page 3). For Sources and Footnotes, see below.

FOOTNOTES FOR BULLETIN TABLES

p Preliminary; (1) Less than 1%; (2) More than 1,000% increase; † Change in number of failures; [a] Figures in parentheses show number of firms reporting this month; [b] Data not available; [c] Comparable data not available—only percentage change available; [d] Adjusted for seasonal changes; [e] Bureau of Business Research estimate; [f] Adjusted for number of working days; [g] Not including government financed projects; [h] base or weight changed.

Primary Sources.

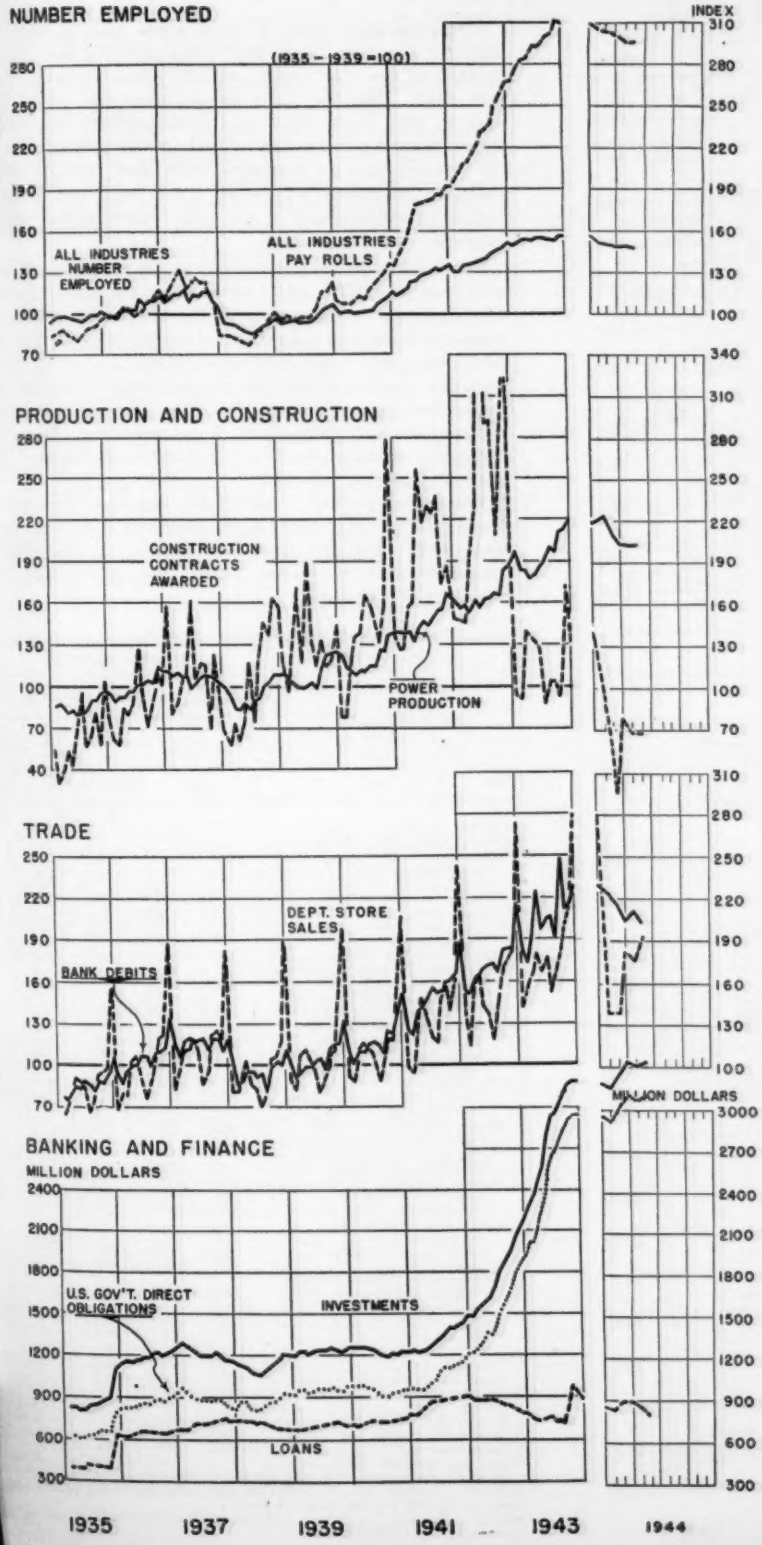
Computed from original data collected by the Bureau of Business Research from: [1] Local Power and Light Co's; [2] County Clerks of Courts; [3] Local Gas Co's (Gas meters in use); [4] Ohio cleaners and dyers.

Compiled by the Bureau of Business Research from data collected in cooperation with: [5] Bureau of the Census, U. S. Dept. of Commerce.

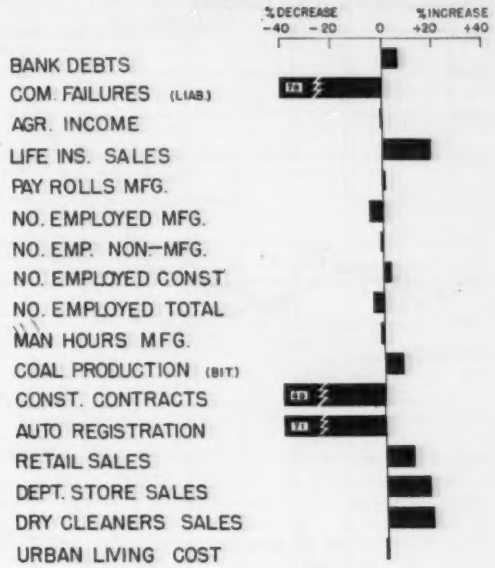
Compiled by the Bureau of Business Research from special tabulations supplied by: [7] Bureau of Labor Statistics, U. S. Dept. of Labor.

Other Data Sources: [10] *New York Times*, [11] Association of American Railroads; [12] Dun & Bradstreet, Inc.; [13] American Iron & Steel Institute; [14] *Steel Magazine*; [15] Federal Reserve Board; [16] U. S. Dept. of Agriculture; [17] *Commercial & Financial Chronicle*; [18] U. S. Bureau of Labor Statistics; [19] Wards Reports; [20] Federal Power Commission; [21] Bituminous Coal Division, U. S. Dept. of Interior; [22] U. S. Steel Corporation; [23] F. W. Dodge Corporation; [24] *Chain Store Age*; [25] U. S. Dept. of Commerce; [26] Fairchild Publications; [27] Standard Statistics Co.; [28] Dept. of Rural Economics, O. S. U.; [29] National Conference Board; [30] R. L. Polk & Co.; [31] Life Insurance Sales Research Bureau; [32] War Production Board.

Business in Ohio



May 1944 Compared with May 1943



RETAIL SALES — INDEPENDENT STORES IN OHIO[6]

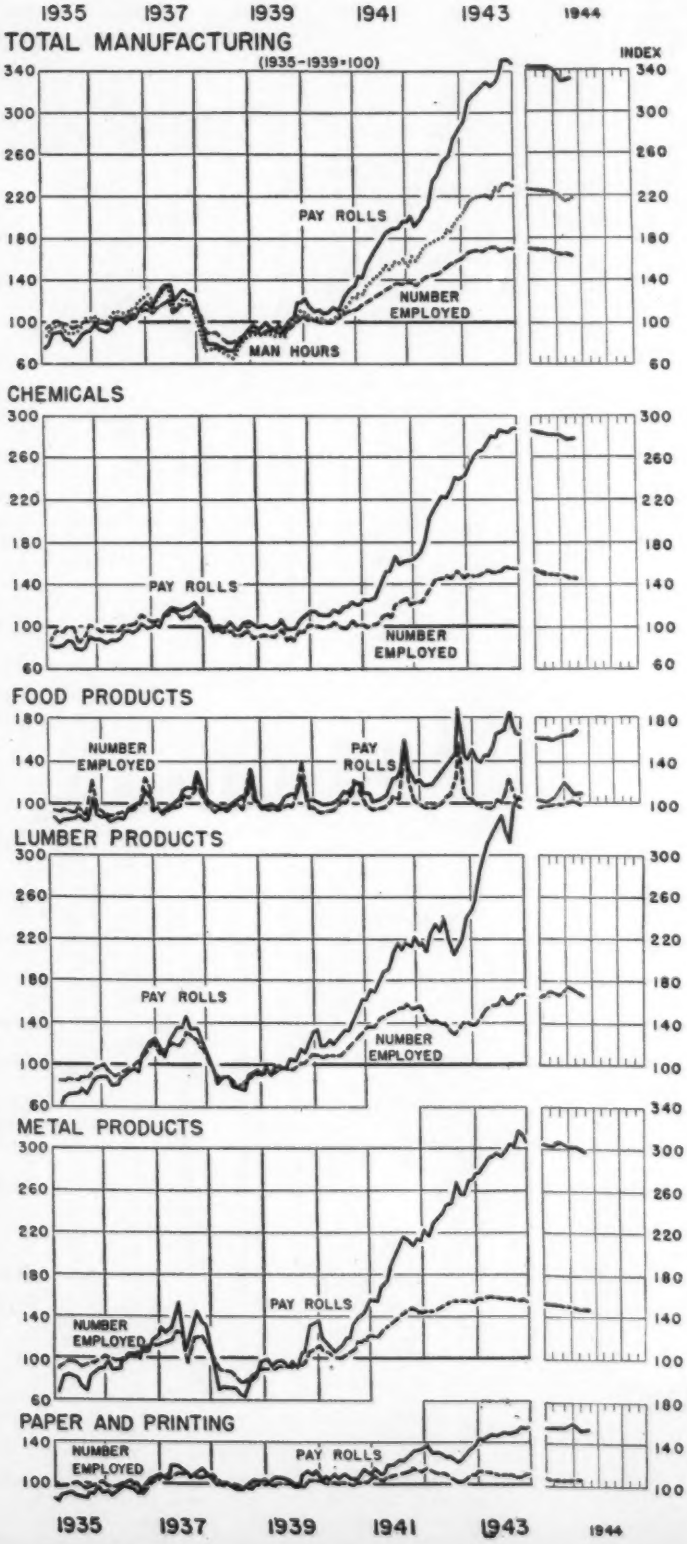
KIND OF BUSINESS	Stores	Sales May 1944	Changes in Sales from: Last Mo. — May, 1944 from Apr. 1944	Last Year — May, 1944 from May, 1943	Last Year — 5 Mos. 1944 from 1943
	Number	$000	%	%	%
FOOD	157	1,042	+ 3	+ 6	+ 4
Candy & Confectionery	8	27	— 8	+ 8	+ 11
Groceries (no meats)	18	113	— 5	+ 2	— 3
Groceries (with meats)	123	870	+ 5	+ 8	+ 5
Meat markets	7	23	+ 5	+ 26	+ 6
APPAREL	100	2,870	+ 6	+ 23	— (3)
Men's clothing	39	633	+ 12	+ 29	— 4
Family clothing	25	756	+ 7	+ 11	— 7
Women's clothing	13	1,171	+ 4	+ 32	+ 5
Shoe stores	23	309	— 2	+ 12	— (3)
AUTOMOTIVE	58	1,280	+ 10	+ 6	+ 1
Motor vehicles	54	1,264	+ 11	+ 6	+ (3)
FURNITURE	86	1,849	+ 29	— 4	— 10
Furniture	63	1,766	+ 30	— 1	— 8
Household appl. & radios	12	53	+ 6	— 49	— 44
BUILDING	187	2,543	+ 25	+ 10	+ 6
Lumber & Bldg. material	53	1,300	+ 26	+ 5	+ 6
Hardware	129	1,211	+ 22	+ 19	+ 8
EATING AND DRINKING	68	995	+ 2	+ 9	+ 13
Restaurants	54	917	+ 1	+ 8	+ 12
Drinking places	14	78	+ 6	+ 12	+ 24
OTHERS					
Country general	57	294	+ 11	+ 7	+ 3
Department stores	38	18,837	+ 8	+ 19	+ 3
Drug stores	116	560	+ 6	+ 12	+ 12
Florists	5	58	— 13	+ 20	+ 20
Filling stations	13	94	+ 24	+ 14	+ 6
Jewelry	53	466	+ 35	— 6	+ 9
Sporting goods	5	79	+ 29	+ 17	+ 10
All lines:	956				
Weighted by annual sales—1939 census			+ 11	+ 11	+ 6
Adjusted for number of working days			+ 6	+ 7	+ 5

For footnotes and sources, See Page 3a.

(Continued from Page 3)

in May from April, 17 per cent from May, 1943, and 3 per cent for the first 5 months of the year from the same period last year.

Number Employed, Pay Rolls, d



Employment in Ohio dropped 1 per cent in May from April, 4 per cent from May, 1943, and for the first five months of the year was 1 per cent below the same period last year. Manufacturing employment was down 1 per cent in May from April and nonmanufacturing employment dropped fractionally; construction employment was up fractionally. As compared with May, 1943, manufacturing employment was down 5 per cent and nonmanufacturing employment 1 per cent; construction employment was up 3 per cent.

Pay Rolls were up fractionally in May from April, 2 per cent from May, 1943, and 7 per cent for the first five months of the year as compared with the same period last year. Manufacturing pay rolls dropped fractionally in May from April but were 1 per cent above May, 1943, and, for the first five months of the year, 7 per cent above the same period last year. Nonmanufacturing pay rolls were up 1 per cent in May from April, 9 per cent from May, 1943, and 9 per cent for the first five months of the year from the same period last year.

Man-Hours worked in manufacturing industries were up fractionally in May from April but were 1 per cent below May, 1943. For the first five months of the year, as compared with the same period last year, man-hours increased 2 per cent.

INDUSTRIAL GROUP	Number Employed[7]					
	Index 1935-39=100		Change			Index 1935-39=1
	May 1944	Apr. 1944	May 1944 from Apr. 1944	May 1944 from May 1943	5 months 1944 from 1943	
			%	%	%	
TOTAL (8609)[a]	147	149	— 1	— 4	— 1	96
All Manufacturing (2508)	161	163	— 1	— 5	— 2	91
Chemicals (186)	145	146	— (1)	— 5	— (1)	79
Food Products (254)	97	101	— 4	— (1)	+ 1	87
Bakery (65)	101	101	+ (1)	— (1)	— 2	93
Miscellaneous (189)	91	96	— 5	+ 3	+ 6	90
Lumber Products (132)	166	169	— 2	+ 5	+ 13	93
Furniture (58)	174	179	— 3	+ 7	+ 10	90
Miscellaneous (74)	112	111	+ (1)	— 9	— 7	94
Metal Products (569)	147	148	— 1	— 7	— 4	96
Foundry Products and Drop Forgings (23)	192	198	— 3	— 9	— 5	97
Pipes, Pumps, Valves and Plumbers' Supplies (16)	81	81	— (1)	— 8	— 19	81
Screw Machine Products and Hardware (42)	146	153	— 5	— 12	— 5	96
Sheet Metal Work (82)	128	127	+ (1)	+ 1	+ 5	73
Steel Works and Rolling Mills (74)	121	122	— (1)	— 10	— 10	95
Stoves and Furnaces (30)	130	127	+ 3	+ 21	+ 25	77
Miscellaneous (302)	217	220	— 2	— 6	— 2	11
Paper and Printing (289)	105	107	— 1	— 3	— 2	95
Paper, inc. Stationery (25)	105	106	— (1)	— 4	— 1	94
Print. and Publish. (164)	104	106	— 1	— 1	— 3	94
Miscellaneous (100)	110	112	— 2	— 6	— 1	90
Rubber Products (49)	145	149	— 2	+ 9	+ 12	96
Tires and Tubes (16)	146	150	— 2	+ 9	+ 13	98
Miscellaneous (33)	139	142	— 2	+ 7	+ 10	95
Stone, Clay, and Glass Products (177)	100	101	— 1	— 8	— 7	84
Brick and Tile (69)	76	78	— 2	— 11	— 13	84
Glass (21)	99	100	— (1)	— 5	— (1)	74
Vitreous and Semi-Vitreous China and Pottery (35)	119	121	— 2	— 6	— 8	58
Miscellaneous (52)	74	74	— (1)	— 31	— 31	29
Textiles (150)	83	85	— 2	— 10	— 10	66
Men's Clothing (55)	84	84	— (1)	— 8	— 9	69
Miscellaneous (95)	77	79	— 2	— 10	— 11	72
Vehicles (102)	292	296	— 1	— (1)	+ 6	04
Misc. Manufacturing (123)	125	125	— (1)	— 8	— 7	21
Nonmanufacturing (5081)	100	101	— (1)	— 1	— 1	43
Service (355)	98	98	+ (1)	— 2	— 3	31
Trade (Ret. & Whlsl.) (4208)	100	101	— (1)	— 1	— 1	33
Transport. & Pub. Utl. (518)	100	100	— (1)	— (1)	— (1)	56
Construction (823)[c]	96	95	+ (1)	+ 3	+ 4	72
Mines and Quarries (197)	e	e	— (1)	—	—	

Indexes of number employed and of pay rolls are based on the employment of 923,288 persons in 6,714 firms.
NOTE:—Machinery group is included in the total indexes but is not shown separately.
For sources and footnotes, see p. 3a.

lls, d Man-Hours in Ohio Industry

In May, 1944, the following changes have been made in the classification of some firms included in the sample on which the indexes of Ohio employment, pay rolls, and man-hours are based:

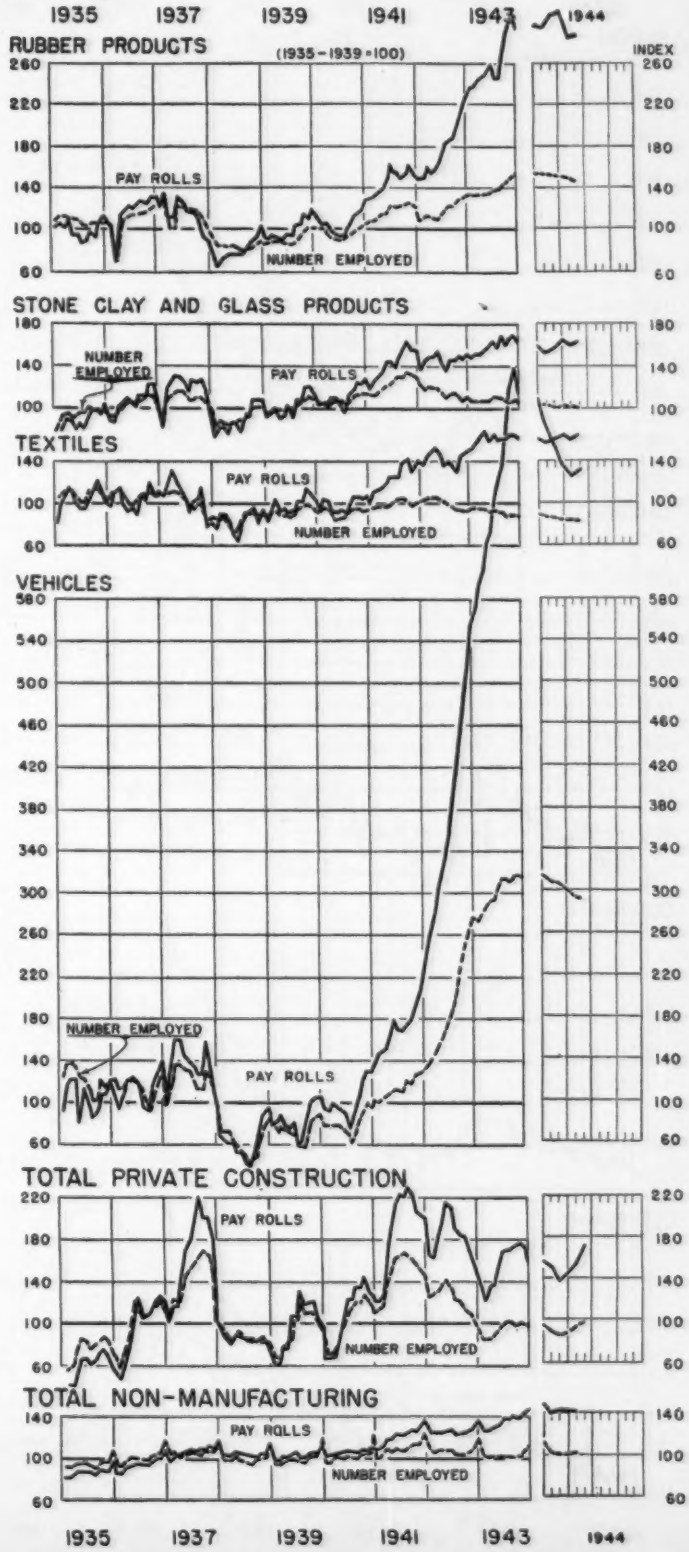
Firms employing about 15 per cent of the total manufacturing employment in the sample have been shifted from the "Miscellaneous Manufacturing" group to the appropriate manufacturing industry classification. In addition, some shifts have been made from one industry to another. Also, the "All Industries" indexes now include the data for mines and quarries.

The purposes of these changes are: first, to increase the number of firms included in the various industries by decreasing the number of firms classified in "Miscellaneous Manufacturing"; and, second, to make the Ohio industrial classification conform more closely to that used by the United States Bureau of Labor Statistics for its employment indexes.

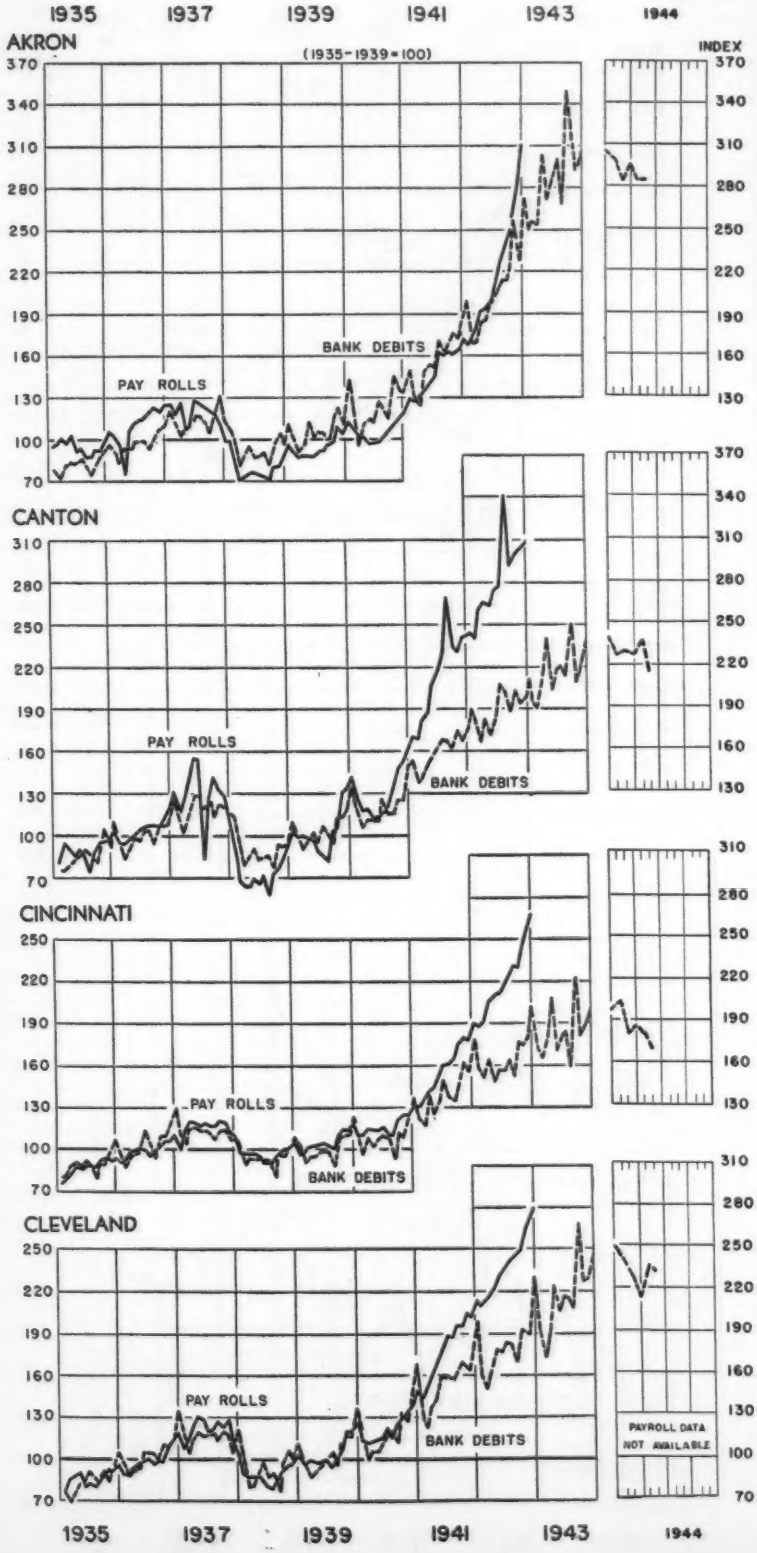
Comparison of employment indexes computed on the bases of the old and new classifications for the month of April, 1944, shows no reversal of the trend, and only minor changes in the indexes for the major industry groups.

			Pay Rolls[1]					Man-Hours[1]				
	Change		Index 1935-39=100		Change			Index 1935-39=100		Change		
	May 1944 from Apr. 1944	5 months 1944 from 1943	May 1944	Apr. 1944	May 1944 from Apr. 1944	May 1944 from May 1943	5 months 1944 from 1943	May 1944	Apr. 1944	May 1944 from Apr. 1944	May 1944 from May 1943	5 months 1944 from 1943
	%	%			%	%	%			%	%	%
	4	— 1	296		+ (1)	+ 2	+ 7	—	—	—	—	—
	5	— 2	381		— (1)	+ 1	+ 7	218	216	+ (1)	— 1	+ 2
	5	— (1)	278		+ (1)	+ 2	+ 7	183	184	— (1)	— 5	+ (1)
	(1)	+ 1	162		+ 3	+ 9	+ 13	106	106	+ (1)	+ 2	+ 5
	(1)	— 2	164		+ 2	+ 7	+ 9	113	111	+ 1	+ 1	+ (1)
	3	+ 6	156		+ 3	+ 11	+ 17	95	95	+ (1)	+ 4	+ 9
	5	+ 13	357		+ (1)	+ 12	+ 22	211	211	+ (1)	+ 2	+ 11
	7	+ 18	403		— (1)	+ 16	+ 27	224	226	— (1)	+ 6	+ 16
	9	— 7	180		+ 2	+ 19	— 11	128	126	+ 2	— 19	— 14
	7	— 4	302		— 2	— 2	+ 3	201	196	+ 2	— 3	— 2
	9	— 5	415		— 2	— 2	+ 3	252	258	— 2	— 7	— 3
	8	— 19	148		+ 2	— 5	— 14	96	96	+ (1)	— 11	— 18
	12	— 5	306		— 3	— 9	+ 3	189	197	— 4	— 14	— 4
	1	+ 5	275		+ 1	+ 4	+ 10	171	169	+ 1	— 1	+ 4
	10	— 10	244		— 4	— 6	— (1)	175	163	+ 8	+ (1)	— 2
	21	+ 25	278		— (1)	+ 38	+ 45	159	157	+ 1	+ 22	+ 28
	6	— 2	416		— 1	+ 1	+ 8	279	283	— 1	— 4	+ 2
	3	— 2	154		+ (1)	+ 6	+ 7	118	119	— (1)	— (1)	+ (1)
	4	— 1	185		— (1)	+ 2	+ 7	128	129	— 1	— 1	+ 2
	1	— 3	143		+ 1	+ 9	+ 7	115	115	— (1)	+ 3	+ (1)
	6	— 1	180		+ (1)	— 2	+ 4	124	125	— (1)	— 7	— (1)
	9	+ 12	284		+ (1)	+ 15	+ 23	201	203	— (1)	+ 7	+ 13
	9	+ 13	290		+ (1)	+ 15	+ 23	214	216	— (1)	+ 7	+ 13
	7	+ 19	236		— (1)	+ 21	+ 28	143	145	— 2	+ 6	+ 9
	8	— 7	159		+ 3	+ 4	+ 5	103	101	+ 2	— 4	— 3
	11	— 13	118		+ 5	— 5	— 10	82	79	+ 4	— 6	— 10
	5	— (1)	168		+ 4	+ 11	+ 18	101	99	+ 3	+ (1)	+ 6
	6	— 8	157		+ (1)	+ 5	+ (1)	96	96	+ (1)	— 7	— 11
	31	— 31	126		+ 2	— 24	— 23	86	84	+ 3	— 26	— 28
	10	— 10	160		+ 4	+ 6	+ 2	107	102	+ 6	— 3	— 9
	8	— 9	169		+ 6	+ 9	+ 3	115	110	+ 4	— 2	— 8
	10	— 11	168		+ 3	+ 4	+ 2	103	97	+ 6	— 3	— 9
	(1)	+ 6	701		+ (1)	+ 9	+ 18	410	412	— (1)	+ 2	+ 10
	8	— 7	220		+ (1)	— 7	— 3	194	198	— (1)	+ 4	+ 6
	1	— 1	142		+ 1	+ 9	+ 9	104	103	+ 1	+ 1	+ (1)
	2	— 1	129		+ 2	+ 6	+ 7	104	103	+ (1)	— 4	— 4
	1	— 1	133		+ (1)	+ 8	+ 7	97	97	— (1)	— (1)	— 1
	(1)	— (1)	154		+ 1	+ 10	+ 12	118	114	+ 4	+ 11	+ 8
	3	+ 6	156		+ 10	+ 14	+ 12	—	—	—	—	—
	—	—	*		+ 4	—	—	*	*	+ 6	—	—

n the empl of 968,243 persons in 8,609 firms; indexes of man-hours, on the employ-
but is not le for publication separately.



Business Conditions in



AKRON

All manufacturing employment in May declined 3 per cent from April, 6 per cent from May, 1943, and 3 per cent in the first 5 months of the year as compared with the same period in 1943. Construction employment was down 5 per cent from April and 5 per cent from May, 1943. All manufacturing pay rolls were up fractionally from April but decreased 5 per cent from May, 1943. For the year to date, manufacturing pay rolls were up 1 per cent. Cost of living increased fractionally from last month and for the year to date. Sales of 29 independent retailers increased 10 per cent from April and 8 per cent from May, 1943. Bank debits increased fractionally from April and 4 per cent from May of last year.

CANTON

May manufacturing employment declined 1 per cent from April, 5 per cent from May, 1943, and 3 per cent for the first 5 months of the year as compared with the same period last year. All manufacturing pay rolls were down 4 per cent from April, 5 per cent from May, 1943, and 2 per cent for the year to date. Retail sales of 31 independent retailers increased 13 per cent from April and for the first 5 months of the year were 8 per cent above the same period last year. Bank debits were down 10 per cent from April but were up 5 per cent from May, 1943, and 9 per cent for the year to date.

CINCINNATI

All manufacturing employment dropped fractionally from April, 4 per cent from May, 1943, and for the first 5 months of the year was fractionally below the same period in 1943. Construction employment increased 1 per cent from April but was down 4 per cent from May, 1943. Manufacturing pay rolls were down fractionally from April but increased 2 per cent from May, 1943, and 8 per cent for the year to date. Cost of living was down 1 per cent from April. Sales of 48 independent retailers were up 11 per cent from April and 25 per cent from May, 1943. Retail food prices were down 1 per cent from April and fractionally for the year to date.

CLEVELAND

May manufacturing employment was down 1 per cent from April, 6 per cent from May, 1943, and 2 per cent in the first 5 months of the year as compared with 1943. Construction employment was up 5 per from April and 18 per cent from May, 1943. Manufacturing pay rolls were up 1 per cent from April but declined 3 per cent from May, 1943. Cost of living increased fractionally both from April and for the year to date. May sales of 103 independent retailers were up 11 per cent both from April and from May, 1943. Retail food prices rose fractionally from April and 1 per cent for the year to date. Bank debits declined 2 per cent from April but increased 12 per cent from May, 1943. The steel industry operated at 89 per cent of capacity, which was 4 per cent below the April rate.

ITEM Unit or Index Base Period	May 1944	Apr. 1944	Change from Last Month: May 1944 from Apr. 1944	Change from Last Year: May 1944 from May 1943	Change from Last Year: 5 months 1944 from 1943
AKRON					
			%	%	%
Number Employed Indexes:[7]					
Total[b] 1935-39	—	—	—	—	—
All Manufacturing (94)[a] ..... "	184	189	— 3	— 6	— 3
Nonmanufacturing[b] ..... "	—	—	—	—	—
Construction (48)[g,a] ..... "	109	115	— 5	— 8	— 17
•Pay Roll Indexes:[7] Total[b] ..... "	—	—	—	—	—
All Manufacturing (94)[a] ..... "	334	331	+ (1)	— 5	+ 1
Nonmanufacturing[b] ..... "	—	—	—	—	—
Construction (48)[g,a] ..... "	268	265	+ 1	+ 12	— 3
Cost of Living[20] ..... Jan. 1939	126	126	+ (1)	0	+ (1)
Retail Sales—Independent Stores[6] (29)[a]	—	—	+ 10	+ 8	— 2
Auto Registrations:[3] New Cars . Number	30	21	+ 43	— 72	— 59
" " New Trucks "	25	25	0	+ 56	+ 1
•Bank Debits Index[15,f] 1935-39	283	283	+ (1)	+ 4	+ 7
Commercial Failures[13] ..... Number	0	0	0	0	— 2†
" Liabilities ..... Thous. Dol.	0	0	0	0	+167
Indus. Power Consump. Index[1,f] 1935-39	325	313	+ 4	+ 26	+ 32
Val. Bldg. Permits—Tot. Ind.[18,f] "	379	538	— 30	— 29	— 31
Residential ..... "	597	89	+568	+132	— 78
Nonresidential ..... "	144	1,001	— 86	— 87	+143
CANTON					
Number Employed Indexes:[7]					
Total[b] 1935-39	—	—	—	—	—
All Manufacturing (79)[a] ..... "	183	185	— 1	— 5	— 3
Nonmanufacturing[b] ..... "	—	—	—	—	—
•Pay Roll Indexes:[7] Total[b] ..... "	—	—	—	—	—
All Manufacturing (79)[a] ..... "	327	341	— 4	— 5	— 2
Nonmanufacturing[b] ..... "	—	—	—	—	—
Retail Sales—Independent Stores[6] (31)[a]	—	—	+ 13	+ 19	+ 8
Auto Registrations:[3] New Cars . Number	14	16	— 13	— 82	— 67
" " New Trucks "	7	4	+ 75	+250	— 11
•Bank Debits Index[15,f] 1935-39	214	237	— 10	+ 5	+ 9
Commercial Failures[13] ..... Number	0	1	— 1†	0	0
" Liabilities ..... Thous. Dol.	0	3	—100	0	— 79
Val. Bldg. Permits—Tot. Ind.[18,f] 1935-39	42	56	— 25	— 68	— 78
Residential ..... "	0	5	—100	—100	— 99
Nonresidential ..... "	9	7	+ 32	— 85	— 81
CINCINNATI					
Number Employed Indexes:[7]					
Total[b] 1935-39	—	—	—	—	—
All Manufacturing (425)[a] ..... "	201	202	— (1)	— 4	— (1)
Nonmanufacturing[b] ..... "	—	—	—	—	—
Construction (159)[g,a] ..... "	61	61	+ 1	— 4	+ 4
•Pay Roll Indexes:[7] Total[b] ..... "	—	—	—	—	—
All Manufacturing (425)[a] ..... "	408	409	— (1)	+ 2	+ 8
Nonmanufacturing[b] ..... "	—	—	—	—	—
Construction (159)[g,a] ..... "	97	89	+ 8	+ 8	+ 14
Cost of Living[20] ..... Jan. 1939	121	123	— 1	— (1)	— (1)
Retail Sales—Independent Stores[6] (48)[a]	—	—	+ 11	+ 25	+ 5
Retail Food Price Index[19] 1935-39	134	135	— 1	— 3	— (1)
Auto Registrations:[3] New Cars . Number	41	56	— 27	— 72	— 81
" " New Trucks "	21	36	— 42	+ 11	+170
•Bank Debits Index[15,f] 1935-39	170	181	— 6	— (1)	+ 4
Commercial Failures[13] ..... Number	0	0	0	— 1†	— 5†
" Liabilities ..... Thous. Dol.	0	0	0	—100	—100
Val. Bldg. Permits—Tot. Ind.[18,f] "	12	18	— 32	+ 51	+ 11
Residential ..... "	0	0	0	—100	+ 7
Nonresidential ..... "	4	22	— 83	+ (2)	+571
Steel Ind. Oper. Rate[13] 4 Wks. Av. % Cap.	87	87	— (1)	— 5	— 2
CLEVELAND					
Number Employed Indexes:[7]					
Total[b] 1935-39	—	—	—	—	—
All Manufacturing (612)[a] ..... "	179	181	— 1	— 6	— 2
Nonmanufacturing[b] ..... "	—	—	—	—	—
Construction (244)[g,a] ..... "	165	157	+ 5	+ 18	+ 10
•Pay Roll Indexes:[7] Total[b] ..... "	—	—	—	—	—
All Manufacturing (612)[a] ..... "	395	389	+ 1	— 3	+ 5
Nonmanufacturing[b] ..... "	—	—	—	—	—
Construction (244)[g,a] ..... "	195	170	+ 15	+ 30	+ 18
Cost of Living[20] ..... Jan. 1939	124	123	+ (1)	0	+ (1)
Retail Sales—Independent Stores[6] (103)[a]	—	—	+ 11	+ 11	— 1
Retail Food Price Index[19] 1935-39	142	142	+ (1)	— 3	+ 1
Auto Registrations:[3] New Cars . Number	105	88	+ 19	— 66	— 53
" " New Trucks "	43	43	0	+ 34	+ 55
•Bank Debits Index[15,f] 1935-39	231	236	— 2	+ 12	+ 16
Commercial Failures[13] ..... Number	1	0	+ 1†	— 2†	— 23†
" Liabilities ..... Thous. Dol.	1	0	+ (2)	— 97	— 92
Val. Bldg. Permits—Tot. Ind.[18,f] 1935-39	94	147	— 36	+ 7	+ 33
Residential ..... "	130	234	— 45	+ (1)	— 5
Nonresidential ..... "	22	33	— 32	+193	+125
Steel Ind. Oper. Rate[13] 4 Wks. Av. % Cap.	89	93	— 4	— 6	— (1)

•Indicates Series Charted (page 7). For Sources and Footnotes, see Page 8a.

ITEM	Unit or Index Base Period	May 1944	Apr. 1944	Change from Last Month: May 1944 from Apr. 1944	Change from Last Year: May 1944 from May 1943	Change from Last Year: 5 months 1944 from 1943
COLUMBUS						
Number Employed Indexes:[7]				%	%	%
Total[b]	1935-39	—	—	—	—	—
All Manufacturing (127)[a]	"	202	205	— 2	— 4	+ 1
Nonmanufacturing[b]	"	—	—	—	—	—
•Pay Roll Indexes:[7] Total[b]	"	—	—	—	—	—
All Manufacturing (127)[a]	"	458	452	+ 1	+ 4	+ 9
Nonmanufacturing[b]	"	—	—	—	—	—
Retail Sales—Independent Stores[9] (49)[a]		—	—	+ 9	+ 23	+ 10
Retail Food Price Index[10]	1935-39	127	128	— (1)	— 7	— 3
Auto Registrations:[9] New Cars	Number	35	53	— 34	— 72	— 32
" " New Trucks	"	46	18	+156	+475	+184
•Bank Debits Index[15,f]	1935-39	169	180	— 6	— 6	+ 12
Commercial Failures[13]	Number	0	0	0	— 3†	— 2†
" Liabilities	Thous. Dol.	0	0	0	—100	— 53
Val. Bldg. Permits—Tot. Ind.[16,f]	1935-39	20	41	— 51	— 66	— 62
Residential	"	6	12	— 56	— 94	— 94
Nonresidential	"	8	34	— 76	+ 24	+214
DAYTON						
Number Employed Indexes:[7]						
Total[b]	1935-39	—	—	—	—	—
All Manufacturing (143)[a]	"	160	161	— (1)	— 6	— 4
Nonmanufacturing[b]	"	—	—	—	—	—
Construction (57)[g,a]	"	76	84	— 10	— 9	+ 18
•Pay Roll Indexes:[7] Total[b]	"	—	—	—	—	—
All Manufacturing (143)[a]	"	414	417	— (1)	+ 33	+ 39
Nonmanufacturing[b]	"	—	—	—	—	—
Construction (57)[g,a]	"	174	172	+ (1)	— 7	+ 24
Cost of Living[20]	Jan. 1939	122	123	— (1)	— 1	+ (1)
Retail Sales—Independent Stores[9] (31)[a]		—	—	+ 5	+ 5	— 11
Auto Registrations:[9] New Cars	Number	6	18	— 54	— 95	— 77
" " New Trucks	"	0	5	—100	—100	— 20
•Bank Debits Index[15,f]	1935-39	216	232	— 7	— 4	+ 6
Commercial Failures[13]	Number	0	0	0	0	0
" Liabilities	Thous. Dol.	0	0	0	0	0
Indus. Power Consump. Index[1,f]	1935-39	204	214	— 5	+ 9	+ 11
Val. Bldg. Permits—Tot. Ind.[16,f]	"	114	124	— 8	— 50	— 36
Residential	"	270	213	+ 27	— 57	— 62
Nonresidential	"	16	86	— 82	+122	+112
TOLEDO						
Number Employed Indexes:[7]						
Total[b]	1935-39	—	—	—	—	—
All Manufacturing (153)[a]	"	145	146	— (1)	— 5	+ 9
Nonmanufacturing[b]	"	—	—	—	—	—
•Pay Roll Indexes:[7] Total[b]	"	—	—	—	—	—
All Manufacturing (153)[a]	"	285	279	+ 2	+ 7	+ 12
Nonmanufacturing[b]	"	—	—	—	—	—
Cost of Living[20]	Jan. 1939	125	126	— (1)	— 1	+ 1
Retail Sales—Independent Stores[9] (57)[a]		—	—	+ 8	+ 20	+ 9
Auto Registrations:[9] New Cars	Number	29	19	+ 53	— 65	— 60
" " New Trucks	"	24	46	— 48	+ 14	+ 63
•Bank Debits Index[15,f]	1935-39	206	225	— 9	+ 10	+ 15
Commercial Failures[13]	Number	1	0	+ 1†	+ 1†	+ 2†
" Liabilities	Thous. Dol.	3	0	+ (3)	+ (3)	+ (3)
Indus. Power Consump. Index[1,f]	1935-39	258	248	+ 4	+ 25	+ 22
Val. Bldg. Permits—Tot. Ind.[16,f]	"	71	46	+ 52	+209	+166
Residential	"	125	0	+ (3)	+ (3)	+ (3)
Nonresidential	"	34	108	— 68	+ (3)	+261
YOUNGSTOWN						
Number Employed Indexes:[7]						
Total[b]	1935-39	—	—	—	—	—
All Manufacturing (81)[a]	"	124	126	— 1	+ (1)	+ 2
Nonmanufacturing[b]	"	—	—	—	—	—
Construction (35)[g,a]	"	38	41	— 6	— 37	— 18
•Pay Roll Indexes:[7] Total[b]	"	—	—	—	—	—
All Manufacturing (81)[a]	"	234	241	— 3	+ 6	+ 11
Nonmanufacturing[b]	"	—	—	—	—	—
Construction (35)[g,a]	"	64	60	+ 6	— 51	— 32
Cost of Living[20]	Jan. 1939	125	125	+ (1)	— 4	— (1)
Retail Sales—Independent Stores[9] (25)[a]		—	—	+ 7	+ 29	+ 11
Auto Registrations:[9] New Cars	Number	19	11	+ 73	— 35	— 49
" " New Trucks	"	7	3	+133	— 46	— 36
•Bank Debits Index[15,f]	1935-39	178	191	— 7	— 4	+ 6
Commercial Failures[13]	Number	0	0	0	— 1†	— 2†
" Liabilities	Thous. Dol.	0	0	0	—100	—100
Indus. Power Consump. Index[1,f]	1935-39	196	216	— 9	+ 2	+ (3)
Val. Bldg. Permits—Tot. Ind.[16,f]	"	7	10	— 31	— 47	— 16
Residential	"	0	0	0	—100	—100
Nonresidential	"	9	2	+354	+ 44	+239
Steel Ind. Oper. Rate[12]	4 Wks. Av. % Cap.	96	95	+ 1	0	— 2

•Indicates Series Charted (page 7). For Sources and Footnotes, see page 8a.

the Chief Ohio Cities

COLUMBUS

All manufacturing employment decreased 2 per cent from April and 4 per cent from May, 1943, but for the first 5 months of the year was 1 per cent above the same period last year. Manufacturing pay rolls rose 1 per cent from April, 4 per cent from May, 1943, and 9 per cent for the year to date. Retail sales of 49 independent retailers were up 9 per cent from April, 23 per cent from May, 1943, and for the first 5 months of the year were 10 per cent above the same period last year. Retail food prices declined fractionally from April. Bank debits were down 6 per cent both from April and from May, 1943.

DAYTON

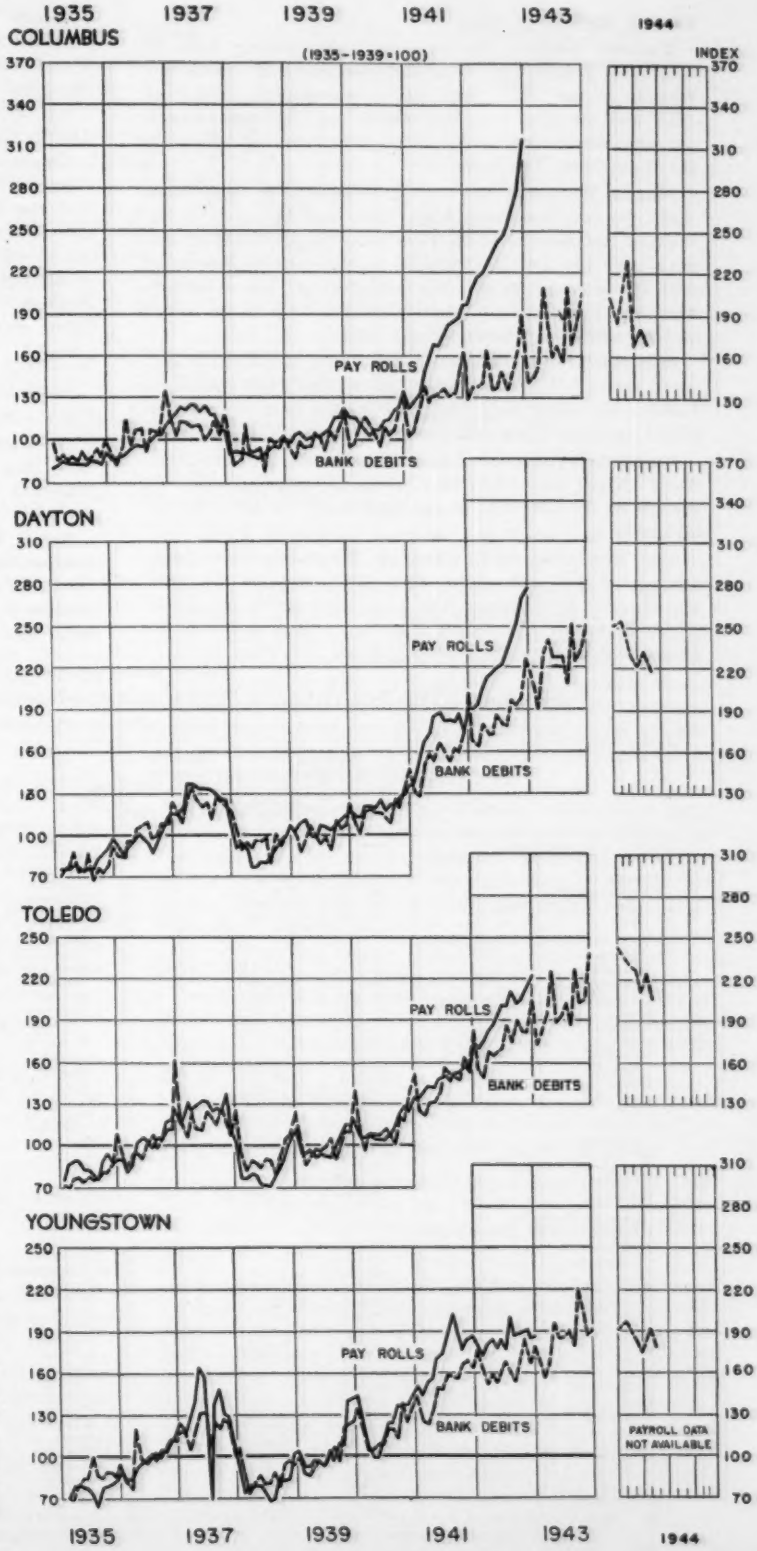
May manufacturing employment was down fractionally from April, 6 per cent from May, 1943, and 4 per cent for the first 5 months of the year as compared with the same period in 1943. Construction declined 10 per cent from April and 9 per cent from May, 1943, but was up 18 per cent for the year to date. All manufacturing pay rolls declined fractionally from April but rose 33 per cent from May, 1943, and for the first 5 months of the year were 39 per cent above the same period last year. Sales of 31 independent retailers were up 5 per cent both from April and from May, 1943. Cost of living declined less than 1 per cent from April and 1 per cent from May, 1943. Bank debits were down 7 per cent from last month and 4 per cent from May, 1943.

TOLEDO

Manufacturing employment in May declined fractionally from April but was up 5 per cent from May, 1943, and 9 per cent for the first 5 months of the year as compared with the same period in 1943. Manufacturing pay rolls were up 2 per cent from April, 7 per cent from May, 1943, and 12 per cent for the year to date. Cost of living declined fractionally from April but was up 1 per cent both from May, 1943, and for the year to date. Bank debits were down 9 per cent from April but rose 10 per cent from May, 1943. Industrial power consumption increased 4 per cent from April, 25 per cent from May, 1943, and for the first 5 months of the year was 22 per cent above 1943.

YOUNGSTOWN

May manufacturing employment declined 1 per cent from April but was up fractionally from May, 1943, and 2 per cent for the year to date. All manufacturing pay rolls declined 3 per cent from April but increased 6 per cent from May, 1943, and 11 per cent for the first 5 months of the year as compared with the same period in 1943. Cost of living was up fractionally from April. Retail sales of 25 independent retailers were up 7 per cent from April, 29 per cent from May, 1943, and 11 per cent for the year to date. Bank debits dropped 7 per cent from April and 4 per cent from May, 1943. Industrial power consumption was down 9 per cent from last month. The steel industry operated at 96 per cent of capacity.



The Trend of Business

IN THE UNITED STATES

Business Activity for the four weeks ending June 24 was down fractionally from the previous four weeks but was up 4 per cent from the corresponding period of 1943 and for the first six months of the year was 5 per cent above the same period last year, according to the *New York Times* index.

Income Payments were up fractionally in May from April, 10 per cent from May, 1943, and 12 per cent for the first five months of the year from the same period last year. For the first five months of the year as compared with the same period last year, salaries and wages income were up 12 per cent; nonagricultural income 13 per cent; and agricultural income, 12 per cent.

Industrial Production, as measured by the Federal Reserve Board index, was unchanged in May from April and fractionally below May, 1943, but for the first five months of the year was 3 per cent above the same period last year.

Munitions Production was up fractionally in May from April, 20 per cent from May, 1943, and for the first five months of the year was 30 per cent above the same period last year.

Steel Production in May dropped 2 per cent from April, but was 2 per cent above May, 1943, and for the first five months of the year was 2 per cent above the same period last year. The steel industry in May operated at 97 per cent of capacity, a drop of 2 per cent from April.

Retail Trade increased in May. Sales of independent retailers were up 6 per cent from April and of chain stores 3 per cent. Department store sales were unchanged as compared with May, 1943; sales of independent retailers were up 14 per cent; of department stores and chain stores, 12 per cent.

Commodity Prices were little changed in May from April. Wholesale commodity prices, retail food prices, and the cost of living were up fractionally from April, and department store prices were unchanged. As compared with May, 1943, wholesale commodity prices and retail food prices were down fractionally and 5 per cent, respectively; department store prices and the cost of living were up fractionally.

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Bank Debits in 16 Ohio cities dropped 4 per cent in May from April but were 6 per cent above May, 1943.

Agricultural Income was up 5 per cent in May from April and was only fractionally under May, 1943. For the first five months of the year as compared to the same period last year, agricultural income was up 7 per cent.

Retail Trade continued upward through May. Sales of independent retailers were up 11 per cent in May from April, 11 per cent from May, 1943, and for the first 5 months of the year were 6 per cent above the same period last year. Department store sales were up 10 per cent

(Continued on Page 3)

Estimated Civilian Population of Ohio Counties—November 1, 1943, and April 1, 1940

(Counties arranged in order of Magnitude of Percentage Change)

County	Estimated Civilian Population Nov. 1, 1943	Estimated Civilian Population April 1, 1940	Per Cent Change April 1, 1940, to Nov. 1, 1943
Counties with increases			
+10.1% to +25.1% (4 counties)			
Greene	42,988	34,364	+25.1
Montgomery	338,688	295,480	+14.6
Lake	55,183	50,007	+10.4
Allen	80,819	73,303	+10.3
+0.1% to +10.0% (18 counties)			
Clinton	24,513	22,574	+ 8.6
Franklin	415,930	387,644	+ 7.3
Summit	363,652	339,405	+ 7.1
Portage	49,568	46,660	+ 6.2
Stark	247,668	234,887	+ 5.4
Warren	31,500	29,894	+ 5.4
Clark	100,466	95,647	+ 5.0
Hamilton	652,348	621,987	+ 4.9
Trumbull	136,026	132,315	+ 2.8
Butler	123,344	120,249	+ 2.6
Sandusky	42,100	41,014	+ 2.6
Erie	44,187	43,201	+ 2.3
Ottawa	24,527	24,181	+ 1.4
Cuyahoga	1,228,803	1,216,859	+ 1.0
Lorain	113,482	112,369	+ 1.0
Medina	33,347	33,034	+ 0.9
Miami	52,866	52,632	+ 0.4
Marion	45,040	44,898	+ 0.3
Counties with decreases			
−0.19% to −10.0% (33 counties)			
Richland	72,831	73,853	— 1.4
Champaign	24,813	25,258	— 1.8
Lucas	336,396	344,333	— 2.3
Wayne	49,378	50,520	— 2.3
Licking	60,805	62,279	— 2.4
Preble	22,576	23,329	— 3.2
Henry	21,956	22,756	— 3.5
Shelby	25,161	26,071	— 3.5
Seneca	46,581	48,499	— 4.0
Crawford	34,118	35,571	— 4.1
Columbiana	85,612	90,121	— 5.0
Hardin	25,444	27,061	— 6.0
Mahoning	225,587	240,251	— 6.1
Fulton	22,153	23,626	— 6.2
Morrow	14,673	15,646	— 6.2
Ashland	27,913	29,785	— 6.3
Madison	20,401	21,811	— 6.5
Fayette	19,900	21,385	— 6.9
Muskingum	64,947	69,795	— 6.9
Ashtabula	63,784	68,656	— 7.1
Clermont	31,635	34,109	— 7.3
Darke	35,954	38,831	— 7.4
Highland	25,018	27,099	— 7.7
Auglaize	25,833	28,037	— 7.9
Pickaway	25,618	27,889	— 8.1
Tuscarawas	62,949	68,816	— 8.5
Union	18,270	20,012	— 8.7
Fairfield	44,217	48,490	— 8.8
Holmes	16,280	17,876	— 8.9
Knox	28,227	31,024	— 9.0
Logan	26,903	29,624	— 9.2
Williams	23,065	25,510	— 9.6
Defiance	21,996	24,367	— 9.7
−10.1% to −28.9% (33 counties)			
Wyandot	17,134	19,218	—10.8
Carroll	15,494	17,449	—11.2
Mercer	23,284	26,256	—11.3
Ross	46,199	52,147	—11.4
Gallia	21,940	24,930	—12.0
Wood	45,578	51,796	—12.0
Jefferson	86,069	98,129	—12.3
Lawrence	40,474	46,705	—13.3
Huron	29,972	34,800	—13.9
Belmont	81,810	95,614	—14.4
Hancock	34,936	40,793	—14.4
Paulding	13,270	15,527	—14.5
Coshocton	25,788	30,594	—15.7
Brown	18,225	21,638	—15.8
Jackson	22,684	27,004	—16.0
Harrison	17,025	20,313	—16.2
Washington	36,487	43,537	—16.2
Geauga	16,267	19,430	—16.3
Delaware	22,157	26,780	—17.3
Scioto	71,025	86,565	—18.0
Meigs	19,695	24,104	—18.3
Guernsey	31,615	38,822	—18.6
Athens	37,144	46,166	—19.5
Monroe	14,953	18,641	—19.8
Putnam	19,953	25,016	—20.2
Van Wert	21,313	26,759	—20.4
Pike	12,582	16,113	—21.9
Adams	16,886	21,705	—22.2
Perry	24,194	31,087	—22.2
Hocking	16,295	21,504	—24.2
Morgan	10,785	14,227	—24.2
Vinton	8,709	11,573	—24.7
Noble	10,371	14,587	—28.9
State Total	6,828,352	6,904,423	— 1.1

Source: United States Department of Commerce, Bureau of the Census, Series p-44, No. 3.